

**ADDENDUM NO.4
TO
CONTRACT DRAWINGS AND SPECIFICATIONS
Dated
APRIL 10, 2014**

**BOLDUC CORRECTIONAL CENTER
HOT WATER LOOP REPLACEMENT
WARREN, MAINE**

PROJECT NO. 13103

Date of Addendum Issuance: August 18, 2014

The specifications and drawings are amended herein. This addendum consists of 3 text pages, meeting minutes and attendee list attachments. These items replace original items previously issued or are to be added to the Bidding and Construction Documents as indicated.

Bidders are required to acknowledge receipt of this addendum on the BID FORM in the space provided. Failure to acknowledge all addenda may cause the bid to be considered not responsive to the invitation, which would require rejection of the Bid.

The Contract Documents for solicitation of Bids for the construction are hereby changed as follows:

PART I – PERTAINING TO THE SPECIFICATIONS:

- 1. Specification Section 00 11 13 Notice to Contractors**
 - a. Change Construction Completion date to *November 21, 2014*.
 - b. Change Bid Opening Date in section 1 to *September 11, 2014*.
 - c. Change On-Site Pre-Bid date in Section 7 to *September 4, 2014 at 9:00*.
 - d. Add to end of Section 7: *Attendance to previous Pre-Bid Conferences does not satisfy the mandatory attendance stipulation.*
- 2. Specification Section 00 41 13 Contractor Bid Form**
 - a. Acknowledgement of Addendum 1, 2 and 3 is not required.
 - b. It is the bidders responsibility to check for updated or new Addenda items 72 hours prior to bid date and time.
- 3. Specification Section 01 10 00 Summary**
 - a. Change date in section 1.7, I, to *September 18, 2014*.
 - b. Add to the end of section 1.7, I: *The project is expected to be available for work start on September 25, 2014, upon successful completion of background checks*
- 4. Add Specification Section 01 73 00 Execution. See attached.**

PART II – QUESTIONS/ANSWERS/INFORMATION RELATING TO THE PROJECT:

1. Is cutting and patching of the existing foundation walls and floors required at each building? *Yes. Refer to Specifications Section for added 'Execution' section which includes cutting and patching.*
2. Can access to the chase be gained through the lower level of Building D? *Yes. An access hole may be made through the existing masonry shaft enclosure at the lower level. Any hole made in the shaft shall be repaired to original condition per specification section 01 73 00.*
3. Are the installation details on Drawing M-002 typical for all buildings? *Yes.*
4. Is the concrete pad shown in detail A10 on Drawing M-002 required? *No. Refer to Drawings Section below.*
5. Do the manholes have room enough to duplicate valves? *The design intent is new valves will reside in the existing manholes.*
6. What is the maximum amount of down time allowed for connections to each building? *6 hours.*
7. Is there a cost for the background checks for contractors? *No cost for contractors.*
8. Are contractor employees on active probation allowed to work on site? *No.*
9. Are expansion loops required in the Pex piping? *No.*
10. Can we bypass manholes? *Yes, existing manholes can be by-passed where isolation valves are not being provided.*
11. Do we have to seal the pipes at the foundation walls and floors? *Yes. Seal is indicated in Detail M15 on Drawing M-002. Refer to Drawings Section below.*
12. What is the wall sleeve material? *Refer to Drawings Section below.*

PART III – PERTAINING TO THE DRAWINGS:

1. Drawing M-002:

- a. **Detail A10: Remove 'Reinforced Concrete Slab Support'.**
- b. **Add the following to Specifications:**

1.1 MECHANICAL SLEEVE SEALS

- A. Description: Modular sealing element unit, designed for field assembly, to fill annular space between pipe and sleeve.**

1. **Sealing Elements: EPDM interlocking links shaped to fit surface of pipe. Include type and number required for pipe material and size of pipe.**
2. **Pressure Plates: Plastic, include two for each sealing element.**
3. **Connecting Bolts and Nuts: Carbon steel with corrosion-resistant coating of length required to secure pressure plates to sealing elements. Include one for each sealing element.**

1.2 SLEEVES

- A. Cast Iron: Cast or fabricated "wall pipe" equivalent to ductile-iron pressure pipe, with plain ends and integral waterstop, unless otherwise indicated.**

- B. Sleeves are not required for core-drilled holes. When installing a pipe thru a core-drilled hole core drill the hole to provide for the 1" annular space around the pipe and use a mechanical sleeve seal as indicated in paragraphs D below.**
- C. Install sleeves for pipes passing through concrete and masonry walls, gypsum-board partitions, and concrete floor and roof slabs.**
 - 1. Cut sleeves to length for mounting flush with both surfaces.**
 - a. Exception: Extend sleeves installed in floors of mechanical equipment areas or other wet areas 2 inches above finished floor level. Extend cast-iron sleeve fittings below floor slab as required to secure clamping ring if ring is specified.**
 - 2. Install sleeves in new walls and slabs as new walls and slabs are constructed.**
 - 3. Install sleeves that are large enough to provide 1/4-inch annular clear space between sleeve and pipe or pipe insulation. Use the following sleeve materials:**
 - a. Stack Sleeve Fittings: For pipes penetrating floors with membrane waterproofing. Secure flashing between clamping flanges. Install section of cast-iron soil pipe to extend sleeve to 2 inches above finished floor level.**
 - 1) Seal space outside of sleeve fittings with grout.**
- D. Underground, Exterior-Wall Pipe Penetrations: Install cast-iron "wall pipes" for sleeves. Seal pipe penetrations using mechanical sleeve seals. Select sleeve size to allow for 1-inch annular clear space between pipe and sleeve for installing mechanical sleeve seals.**
 - 1. Mechanical Sleeve Seal Installation: Select type and number of sealing elements required for pipe material and size. Position pipe in center of sleeve. Assemble mechanical sleeve seals and install in annular space between pipe and sleeve. Tighten bolts against pressure plates that cause sealing elements to expand and make watertight seal.**

PART III- GENERAL INFORMATION RELATING TO THE PROJECT:

These items provide supplemental information to the Contract.

- 1. N/A.**

END OF ADDENDUM No.4